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Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

On August 21, 2007

TOWNSEND and TOWNSEND and CREW LLP

By: Susan J. Johnson

Susan J. Johnson

1653  
JFW

PATENT  
Attorney Docket No.: 015270-006460US  
Client Ref. No.: 228-US-NEW4

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Varghese John et al.

Application No.: 09/730,329

Filed: December 4, 2000

For: BETA-SECRETASE ENZYME  
COMPOSITIONS AND METHODS

Customer No.: 20350

Confirmation No. 8197

Examiner: C. Kam

Technology Center/Art Unit: 1653

AMENDMENT

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed July 17, 2007, Applicants request entry of the following amendments and remarks:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Remarks** begin on page 5 of this paper.

An **Appendix** including a paper copy of the third substitute sequence listing is attached following page 6 of this paper.